

Lands with Wilderness Characteristics Report:
Echo Canyon
COF-020-019

Section 201 of FLPMA requires the BLM to maintain on a continuing basis an inventory of all public lands and their resources and other values, which includes wilderness characteristics. It also provides that the preparation and maintenance of the inventory shall not, of itself, change or prevent change of the management or use of public lands. Regardless of past inventory, the BLM must maintain and update as necessary, its inventory of wilderness resources on public lands. In some circumstances, conditions relating to wilderness characteristics may have changed over time, and an area that was once determined to lack wilderness characteristics may now possess them. BLM Manual 6310 'Conducting Wilderness Characteristics Inventory on BLM Lands' is the policy that provides guidance on conducting this inventory process.

Following BLM guidance the Royal Gorge Field Office conducted an inventory in 2013 and found 31,918.0 acres of the unit did not meet the criteria for having wilderness characteristics. Per policy, the public has the opportunity to provide new information regarding wilderness characteristics that the BLM must evaluate and consider. New information that meets the minimum standard for further review was submitted by Wild Connections on May 6, 2015 contending that 31,910 acres meet the criteria. This report reflects an updated inventory that combines BLM's 2013 findings and an evaluation of the data submitted by Wild Connections.

Inventory Effort	Acreage Inventoried	Wilderness Characteristics Acreage
BLM 2013 Inventory	31,918.0	0
Wild Connections Inventory	31,910	31,910
BLM 2015 Evaluation Conclusions	31,910.2	31,660.52

Form 1: Document Wilderness Characteristics Inventory Findings on Record (Refers to Original 1980's Inventory Effort)

Is there existing BLM wilderness characteristics inventory information on all or part of this area?

NO (If no, go to Form 2)

YES X If yes, and if the area has subunits within the broader area, list the unique identifiers for each of those subunits:

Inventory Source: 1980 BLM Inventory

Inventory Area Unique Identifier(s): CO-020-09B

Map Name(s)/Number(s): BLM 100k Canon City

BLM District(s)/Field Office(s): Front Range District/ Royal Gorge Field Office

BLM Inventory findings on record: Document existing inventory information regarding wilderness characteristics (if more than one BLM inventory area is associated with the area, list each area and answer each question individually for each inventory area):

Document BLM Wilderness Characteristics Findings on Record (Historic Findings)					
Inventory Source Document:					
Area Unique Identifier	Sufficient Size? (YES/NO & acres)	Naturalness (YES/NO)	Outstanding Opportunities for Solitude (YES/NO)	Outstanding opportunities for primitive & unconfined recreation (YES/NO)	Supplemental Values? (YES/NO)
CO-050-009	N	Y	Y	Y	Y
CO-020-009-A	Y	N	N	N	N
CO-020-009-B	Y	N	N	N	N

Form 2: Current Conditions: Presence or Absence of Wilderness Characteristics

Area Unique Identifier: COF-020-019, Echo Canyon

Acreage: 31,910.2 acres

1. Is the area of sufficient size? :

Yes X No

Description:

The unit, COF-020-019, Echo Canyon, is over 5,000 acres and meets the size criteria for lands considered to have wilderness characteristics.

The unit is bounded as follows:

- The southern boundary is defined by the Rio Grande Railroad right of way;
- The western border is defined by Fremont County Road 27, BLM trail T6061A, BLM Road 6040, BLM 6040A and BLM administrative route (CO-020-059-A);
- A wilderness inventory road cherry stemmed from the unit, along the west central edge of the unit, BLM 6060;
- The northern boundary is defined by BLM land status, BLM administrative road CO-020-019-A (along Tallahassee Creek), and BLM road 5895;
- The eastern edge is bounded by property lines other than BLM management and BLM administrative road, CO-020-019-S;

2. Does the area appear to be natural?

Yes X No NA

Unit, COF-020-019, Echo Canyon is located north of US Hwy 50. It is located east of Cañon City, Colorado, approximately 15 miles (measured to the nearest point). The unit consists of 31,632.60 acres of public land. Three private inholding exist within the unit, totaling 839.6 acres. The inholding lands will not be included in the inventory. Also excluded and differing from Wild Connections boundary was a 249.68 acre parcel on the northeast boundary split by BLM road 5895.

The topography of the unit consists of mountainous terrain, with rock outcroppings, cliffs, and multiple drainages. The drainages include, Echo Canyon, Sulphur Gulch, and Spike Buck Gulch. The unit's elevation varies from 6,000 feet to 9,000 feet. The unit consists of many types of vegetation, varying in elevation. The vegetation includes piñon-juniper forest, ponderosa pines, mixed conifers, gambel oak, and cottonwoods found along the riparian areas.

The man-made features found within the unit include multiple routes. The routes are managed as BLM administrative routes decided by the Arkansas River Travel

Management Plan (2006). It is assumed these routes were originally mechanically constructed for prospecting. The current use is range and wildlife access by the BLM and the permittee. There is no public access on these routes. In 2013, it was documented that the routes have received mechanical maintenance within the past 5 years. In 2015, no signs of recent maintenance appeared. Although it is agreed that the cut/fill nature of the routes are a visual impact on the landscape and can be identified from miles away, the vastness of the area minimizes the effect of the administrative routes on the unit's natural character. Also, the heavy rains in 2015 increased vegetation growth in the area, reducing the visibility of the routes along valley bottoms making them difficult to locate on the ground.

The administrative use in the area includes rangeland improvement projects such as spring developments, stock tanks, and fencing. Although fenced, stock tanks may be located in a ravine or hidden by trees so that they are not visually apparent unless you know their location. The range use within the unit does not affect the natural character of the unit.

Other man made disturbances evolved from wildlife and range improvements around the fifteen or more natural springs. The improvements include 2 fenced wildlife exclosures, historic homesteads (3 buildings), corrals, stock tanks, earthen dams, and a large rainwater catchment. The rain catchment tends to be most visible since it is on the crest of a hill and is enclosed with a wood snow fence. In the same area, a radio tower stands on the crest of another hill. These are very noticeable if a person is standing in the vicinity of these hills. From other areas in the unit, these features are not seen. Earthen dams were covered with vegetation and did stand out as a man made feature. However they did not detract from the unit's overall natural character.

Other administrative projects include vegetation treatment projects. The treatments include mechanical (roller chopping) and hand thinning vegetation treatments. Although not checked in 2015, it can be assumed that the slash on the ground is more covered by vegetation but is still visible and obvious to a casual observer when standing within the project areas. However, from higher overlooks looking down on the project, a casual observer would view the open meadows as a natural occurrence in the valley bottom. The project area is also obscured by its location in the bottom of Echo Canyon; from higher points the vast ruggedness of the land dominates the view. Therefore, the accumulative impacts of the vegetation treatment projects do have an impact to the naturalness of the unit but not a significant impact as it returns to a more natural state.

Mining activity has occurred within the unit and those impacts are visible throughout the unit. Tailing piles and prospecting pits located on the hillside are highly visible. Vent pipes can also be found indicating past mining projects. Although the mining within the unit is not the dominant feature, the existence of mining is visible and has a visual impact to the landscape.

In the north east corner of the unit is located the Summerville Table Instant Study Area, it is 683.5 acres. It is managed jointly with BLM and the Colorado Natural Heritage Program. The lands have been identified as a research natural area and is managed similarly to a wilderness study area. It does not however have a designation as a wilderness study area and is not large enough to be analyzed separately. The 683.5 acres will be included in the inventory.

A wilderness inventory was conducted in 1979. The inventory concluded that the unit did not possess wilderness characteristics due to excessive imprints of man such as numerous "ways", stock tanks, mining sites, and earthen dams.

The 2013 wilderness inventory found congruency with the 1979 findings. The 2015 inventory also looked at the numerous man-made features within the boundary of the area. These features are visible throughout the unit and are located mainly along the administrative routes. Individually, the features are not substantially noticeable. The vegetative treatment project area is noticeable if you are standing on the project site, however from a distance the open meadows appear natural to the untrained individual. Although mining activity has ceased to operate, tailings will never go away or revegetate over time.

Numerous administrative routes are used to access most of the features in scattered locations within the unit. These routes are not accessible to the public so are seldom used. The physical appearance of the routes are cut into slopes attracting the eye to the linear feature. This occurs in several places but in general, most of the routes are seldom used and located in valley bottoms where vegetation fills in; making the route difficult to discern from the rest of the meadow. Each of these human activities has left its footprint in Echo Canyon. The accumulative impacts of all activities could impact the naturalness of the area as concluded in the 2013 inventory. However, the 2015 inventory analyzes the overall area size and terrain and its affects on the degree of impact by these human activities. A site visit was documented with additional photos. It was determined that the impacts to its natural characteristics is in agreement with the new information submitted by Wild Connections. The overall size and vastness of the area diminishes the scattered man-made features contributing to its natural condition.

3. Does the area (or the remainder of the area if a portion has been excluded due to unnaturalness and the remainder is of sufficient size) have outstanding opportunities for solitude?

Yes X No NA

Description:

There are no motorized public access routes into the area except BLM 5895 along the northern boundary. All routes identified in the Arkansas River TMP were designated for

administrative access only. This limits motorized access to BLM personnel and grazing permittees. Otherwise access is only on foot in a few sections. The southern boundary is locked in by the railroad private land and most of the northern boundary is also private land. The topography screens the highway and railroad tracks since they are situated in the river valley on the southern edge. The rugged terrain limits access to those visitors who are seeking solitude.

4. Does the area (or the remainder of the area if a portion has been excluded due to unnaturalness and the remainder is of sufficient size) have outstanding opportunities for primitive and unconfined recreation?

Yes X No NA

The area provides outstanding opportunities for primitive and unconfined recreation for hiking, backpacking, hunting, birdwatching, wildlife viewing and studying geological features.

5. Does the area have supplemental values (ecological, geological, or other features of scientific, educational, scenic or historical value)?

Yes X No NA

- The Colorado Natural Heritage Program (CNHP) has identified 675.2 acres to be managed as a Research Natural Area. The lands are managed similarly as a WSA.
- The Colorado Natural Heritage Program (CNHP) has identified the west portion of the unit to have high biodiversity significance (B3). The identified unit is labeled as East Gulch at Bull Gulch potential conservation area.
- The Colorado Natural Heritage Program (CNHP) has identified the west portion of the unit to have very high biodiversity significance (B2). The identified unit is labeled McIntyre Hills Potential Conservation Area.
- There are historic cabins and homestead located within the unit, adding supplemental value.
- The unit contains mule deer, bighorn sheep and elk winter range as mapped by Colorado Parks and Wildlife.
- The unit is mapped as a bighorn sheep production area by Colorado Parks and Wildlife.

Summary of Analysis

Unique Identifier: COF-020-019, Echo Canyon

Acreage: 31,660.52 acres

Results of Analysis:

Inventory concluded that the unit does possess wilderness characteristics even though the unit contains numerous man-made features. Many mechanically constructed and maintained routes within the unit are dominant features along the landscape. Other projects such as a water encatchment, mechanical vegetation treatments, and wildlife exclosures are located within the unit. Consideration was given to the vastness of the area. There are many man-made features scattered throughout the unit but the rugged naturalness is the prevailing factor. To a casual observer the visual disturbances are not substantial given the overall size of the area therefore the features do not affect the unit's natural character. Due to the lack of public access to the interior of the area, opportunities for solitude and primitive and unconfined recreation are available.

The unit is bounded as follows:

- The southern boundary is defined by the Rio Grande Railroad right of way;
 - The western border is defined by Fremont County Road 27, BLM trail T6061A, BLM Road 6040, BLM 6040A and BLM administrative route (CO-020-059-A);
 - Two wilderness inventory roads are cherry stemmed from the unit, along the west central edge of the unit, BLM 6060 and BLM T6025;
 - The northern boundary is defined by BLM land status, BLM administrative road CO-020-019-A (along Tallahassee Creek), and BLM road 8595;
 - The eastern edge is bounded by property lines other than BLM management and BLM administrative road, CO-020-019-S;
 - It is found in parts of the sections listed in the following townships;
 - o T. 18 S. R. 71 W. Sections: 5, 6, and 7;
 - o T. 18 S. R. 72 W. Sections: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 17, 18, 19, 20, 21, 29, and 30;
 - o T. 18 S. R. 73 W. Sections: 1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, and 35;
 - o T. 19 S. R. 73 W. Sections: 4, 5, 6, and 7;
 - o T. 48 N. R. 12 E. Sections: 7, 12;
 - o T. 49 N. R. 12 E. Sections: 10, 11, 14, 16, 22, 23.
-
- Does the area meet size requirements or exceptions? Yes X No
 - Does the area appear natural? Yes X No NA
 - Does the area offer outstanding opportunities for solitude or a primitive and unconfined type of recreation? Yes X No NA
 - Does the area have supplemental value? Yes X No NA

This does not represent a formal land use allocation or a final agency decision, and does not represent a decision in regard to how the area will be managed or address impacts of management decisions.

Check one:

- ☒ The area, or a portion of the area, has wilderness characteristics and is identified as land with wilderness characteristics.
- ☐ The area does not have wilderness characteristics.

This does not represent a formal land use allocation or a final agency decision, and does not represent a decision in regard to how the area will be managed or address impacts of management decisions.

Prepared by:

Evaluator: Janine Prout/ Recreation Technician
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Evaluator: Jeff Williams/ Rangeland Management Specialist
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Date: July 2, 2013
Date: July 2, 2013
Date: July 2, 2013
Date: July 27, 2013
Date: July 27, 2013
Date: Sept 10, 2013
Date: Nov 23, 2015
Date: Aug 27, 2015
Date: Aug 27, 2015

Form 3: Route Analysis:

The Route Analysis includes factors to consider when determining whether a route is a road for wilderness characteristics inventory purposes. For the purposes of this analysis, use the following definition of a “road”. This definition is drawn from and the FLPMA legislative history and historic BLM inventory direction.

Road: An access route which has been improved and maintained by mechanical means to insure relatively regular and continuous use. A way maintained solely by the passage of vehicles does not constitute a road.

- a. Improved and maintained – Actions taken physically by people to keep the road open to vehicle traffic. “Improved” does not necessarily mean formal construction. “Maintained” does not necessarily mean annual maintenance.
- b. Mechanical means – Use of hand or power machinery or tools.
- c. Relatively regular and continuous use – Vehicular use that has occurred and will continue to occur on a relatively regular basis. Examples are: access roads for equipment to maintain a stock water tank or other established water sources, access roads to maintained recreation sites or facilities, or access roads to mining claims.

If a portion of a route is found to meet the wilderness inventory road criteria (see Part III) and the remainder does not meet these criteria (e.g., a cherrystem road with a primitive route continuing beyond a certain point), identify each segment and explain the rationale for the separate findings.

Wilderness Characteristics Inventory Area Unique Identifier: COF-020-019, Echo Canyon
Route or Route Segment Name and/or Identifier: Fremont County Road 27 (FC Rd 27), BLM 6040, BLM 6040 A, BLM T6025, Union Pacific Railroad (UP RR), BLM 5895, CO-020-019-B, CO-020-019-D, CO-020-019-C, CO-020-019-I.

I. LOCATION:

Refer to attached map and BLM corporate data (GIS). List photo point references (where applicable) or reference attached photo log:

Map Title: Unit, COF-020-019, Wilderness Characteristics Map

Map Date: 2013

Describe:

The provided map shows the unit that was inventoried for wilderness characteristics, as well as routes and photo points collected by GPS.

II. ROUTE CONTEXT

The purpose of a route is not a deciding factor in determining whether a route is a road for wilderness characteristics inventory purposes. The purpose of a route does provide context for factors on which such a determination may be based, particularly the question of whether maintenance of the route ensures relatively regular and continuous

use. The purpose also helps to determine whether maintenance that may so far have been unnecessary to ensure such use would be approved by BLM when the need arises.

A. Current Purpose of Route:

Describe:

- FC Rd 27: The current purpose is for recreation use by off highway vehicles (OHVs) and general transportation. It is also used to access to a private inholding.
- BLM 6040: The current use is for recreational use by OHVs.
- BLM 6040 A: The current use is for recreational use by OHV's.
- BLM T6025: The current use is for recreational use by OHV's.
- UP RR: The current use is for the Union Pacific Railroad.
- BLM 5895: The current use is for recreational use by OHV's, as well as access to transmission line for maintenance.
- CO-020-019-B: The current use is for recreational use by OHV's, as well as access by the BLM for administrative purposes.
- CO-020-019-C: The current use is for recreational use by OHV's, as well as access by the BLM for administrative purposes.
- CO-020-019-D: The current use is for recreational use by OHV's, as well as access by the BLM for administrative purposes.
- CO-020-019-I: The current use is for recreational use by OHV's, as well as access by the BLM for administrative purposes.
- CO-020-019-H: The current use is for access by the BLM for administrative purposes.

B. Right-of-Way (ROW):

B.1. Is there a ROW associated with this route?

Yes X No Unknown

If yes, what is the stated purpose of the ROW?

- FC Rd 27: Has a ROW association with Fremont County, serial # COC 44142, it is currently in use for the ROW stated purpose.
- UP RR: has a ROW association with the Union Pacific Railroad, serial # C 093736, it is currently in use.
- BLM 5895: has a ROW with the WAPPA, serial # C 0128242, the ROW is currently in use.
- CO-020-019-B: Has a ROW association through the BLM for administrative purposes serial # C 13153, it is currently in use.
- CO-020-019-D: has a ROW association, serial #, COC 48628, the ROW is currently in use for a communication site.
- CO-020-019-H: has a ROW association, serial # C 09095 for a transmission line, the ROW is currently in use.

B.1. Is there a ROW associated with this route?

Yes No X Unknown

-
- CO-020-019-C: Does not have a ROW association.
- CO-020-019-I: Does not have a ROW association.
- BLM 6040: Does not have a ROW association.
- BLM T6025: Does not have a ROW association.
- BLM 6040 A: Does not have a ROW association.

III. WILDERNESS INVENTORY ROAD CRITERIA

A. Is there evidence of construction or improvement using mechanical means?

Yes, if either III.A.1 *or* III.A.2 is checked "yes" below X

No, if both III.A.1 *and* III.A.2 are checked "no" below

Routes, Fremont County Road 27 (FC Rd 27), BLM 6040, BLM 6040 A, BLM T6025, Union Pacific Railroad (UP RR), BLM 5895, CO-020-019-B, CO-020-019-D, CO-020-019-C, CO-020-019-I are either originally mechanically constructed or have ad recent mechanical improvements.

A.1. Construction: Is there evidence that the route or route segment was originally constructed using mechanical means?

Yes X No

Describe:

- FC Rd 27: Originally mechanically constructed, bladed.
- BLM 6040: Originally mechanically constructed, bladed.
- BLM 6040 A: Originally mechanically constructed, possibly by bull dozer.
- BLM T6025: Originally mechanically constructed, possibly by bull dozer.
- BLM 5895: Originally mechanically constructed, possibly by bull dozer.
- CO-020-019-B: Originally mechanically constructed, possibly by bull dozer. Evidence of cut/ fill on hillsides.
- CO-020-019-C: Originally mechanically constructed, possibly by bull dozer. Evidence of cut/ fill on hillsides.
- CO-020-019-D: Originally mechanically constructed, possibly by bull dozer. Evidence of cut/ fill on hillsides.
- CO-020-019-I: Originally mechanically constructed, possibly by bull dozer. Evidence of cut/ fill on hillsides.
- CO-020-019-H: Originally mechanically constructed, possibly by bull dozer.

A.1. Construction: Is there evidence that the route or route segment was originally constructed using mechanical means?

Yes No X

- UP RR: originally hand built.

A.2. Improvements: Is there evidence of improvements using mechanical means to facilitate access?

Yes X If "yes", improvements by? Hand Tools by Machine X
No

Describe:

- FC Rd 27: Recently improved by use of a bull dozer, culverts are installed and drainage added.
- BLM 6040: Recently improved by a bull dozer.
- BLM 5895: mechanical improvements made within the past 5 years, drainage added to the route.
- CO-020-019-B: Improvements made within the past 5 years, drainage added to the route.
- CO-020-019-C: mechanical improvements made within the past 5 years, widening of route.
- CO-020-019-D: mechanical improvements made within the past 5 years, widening of route.
- CO-020-019-I: mechanical improvements made within the past 5 years, widening of route.
- CO-020-019-H: mechanical improvements made within the past 5 years, drainage added to the route.

A.2. Improvements: Is there evidence of improvements using mechanical means to facilitate access?

Yes
No X

- BLM 6040 A: No recent improvements.
- BLM T6025: No recent improvements.
- UP RR: No recent improvements.

B. Maintenance: Is there evidence of maintenance that would ensure *relatively* regular and continuous use?

Yes, if either III.B.1 *or* III.B.2 is checked "yes" below X

No, if both III.B.1 *and* III.B.2 are checked "no" below

B.1. Is there evidence or documentation of maintenance using hand tools or machinery?

Yes X If "yes", maintenance by? Hand Tools by Machine X
No

Explain:

- FC Rd 27: maintained by machinery.

- BLM 6040: maintained by machinery.
- BLM 5895: maintained by machinery.
- CO-020-019-C: maintained by machinery.
- CO-020-019-D: maintained by machinery.
- CO-020-019-I: maintained by machinery.
- CO-020-019-H: maintained by machinery.

B.1. Is there evidence or documentation of maintenance using hand tools or machinery?

- Yes ☐
- No ☒

- BLM 6040 A: no recent maintenance
- BLM T6025: no recent maintenance.
- UP RR: no recent maintenance.

B.2. If the route or route segment is in good condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM to meet the purpose(s) of the route in the event this route became impassable? "Good condition" would be a condition that ensures regular and continuous use relative to the purposes of the route. Consider whether the route can be clearly followed in the field over its entire course and whether all or any portion of the route contains any impediments to travel.

Yes ☒ No ☐

Explain:

- FC Rd 27: Would be maintained by ROW holder.
- BLM 6040: Would be maintained by BLM.
- BLM 6040 A: Would be maintained by BLM.
- BLM T6025: Would be maintained by BLM.
- UP RR: Would be maintained by ROW holder.
- BLM 5895: Would be maintained by ROW holder.
- CO-020-019-B: Would be maintained by ROW holder.
- CO-020-019-C: Would be maintained by BLM.
- CO-020-019-D: Would be maintained by ROW holder.
- CO-020-019-I: Would be maintained by BLM.
- CO-020-019-H: Would be maintained by ROW holder.

C. Relatively regular and continuous use: Does the route or route segment ensure relatively regular and continuous use?

Yes ☒ No ☐

Explain: Describe evidence (e.g., direct: vehicles or vehicle tracks observed; or indirect: evidence of use associated with purpose of the route such as maintenance of facility)

that route accesses) and other rationale for whether use has occurred and will continue to occur on a *relatively* regular basis (regular and continuous use relative to the purpose(s) of the route). Include estimate of travel rates for the stated purposes (e.g., trips per day, week, month, season, year, or even multiple years in some facility maintenance cases).

- FC Rd 27: Is maintained for regular and continuous use. 30-40 times a week.
- BLM 6040: Is maintained for full size vehicle use 10-20 times a week.
- BLM 6040 A: is maintained for full size vehicle use, 30 times a month.
- BLM T6025: is not maintained for regular use.
- UP RR: is not maintained for regular use.
- BLM 5895: is maintained for full size vehicle use, 2039 times a week.
- CO-020-019-B: is maintained for BLM administrative use.
- CO-020-019-C: is maintained for BLM administrative use.
- CO-020-019-D: is maintained for BLM administrative use.
- CO-020-019-I: is maintained for BLM administrative use.
- CO-020-019-H: is maintained for BLM administrative use.

IV. CONCLUSION:

Does the route or route segment meet the definition of a wilderness inventory road (i.e., are items III.A *and* III.B *and* III.C all checked yes)? If part of the route meets the wilderness inventory road definition and the remainder does not, describe the segment meeting the definition and any remaining portion not meeting the definition and why. Also, describe and explain rationale for any discrepancies with citizen proposals.

Yes X = Wilderness Inventory Road
No = Not a road for wilderness inventory purposes

Explain:

- FC Rd 27: meets the definition as a wilderness inventory road.
- BLM 6040: meets the definition as a wilderness inventory road.
- BLM 6040 A: meets the definition as a wilderness inventory road.
- UP RR: meets the definition as a wilderness inventory road.
- BLM 5895: meets the definition as a wilderness inventory road.

Yes = Wilderness Inventory Road
No X = Not a road for wilderness inventory purposes

- BLM T6025: does not meet the definition as a wilderness inventory road.
- CO-020-019-C: does not meet the definition as a wilderness inventory road.
- CO-020-019-D: does not meet the definition as a wilderness inventory road.
- CO-020-019-I: does not meet the definition as a wilderness inventory road.
- CO-020-019-H: does not meet the definition as a wilderness inventory road.

Evaluator: Janine Prout/ Recreation Technician

Date: May 21, 2013

Map 1 2015 Inventory includes area as LWC

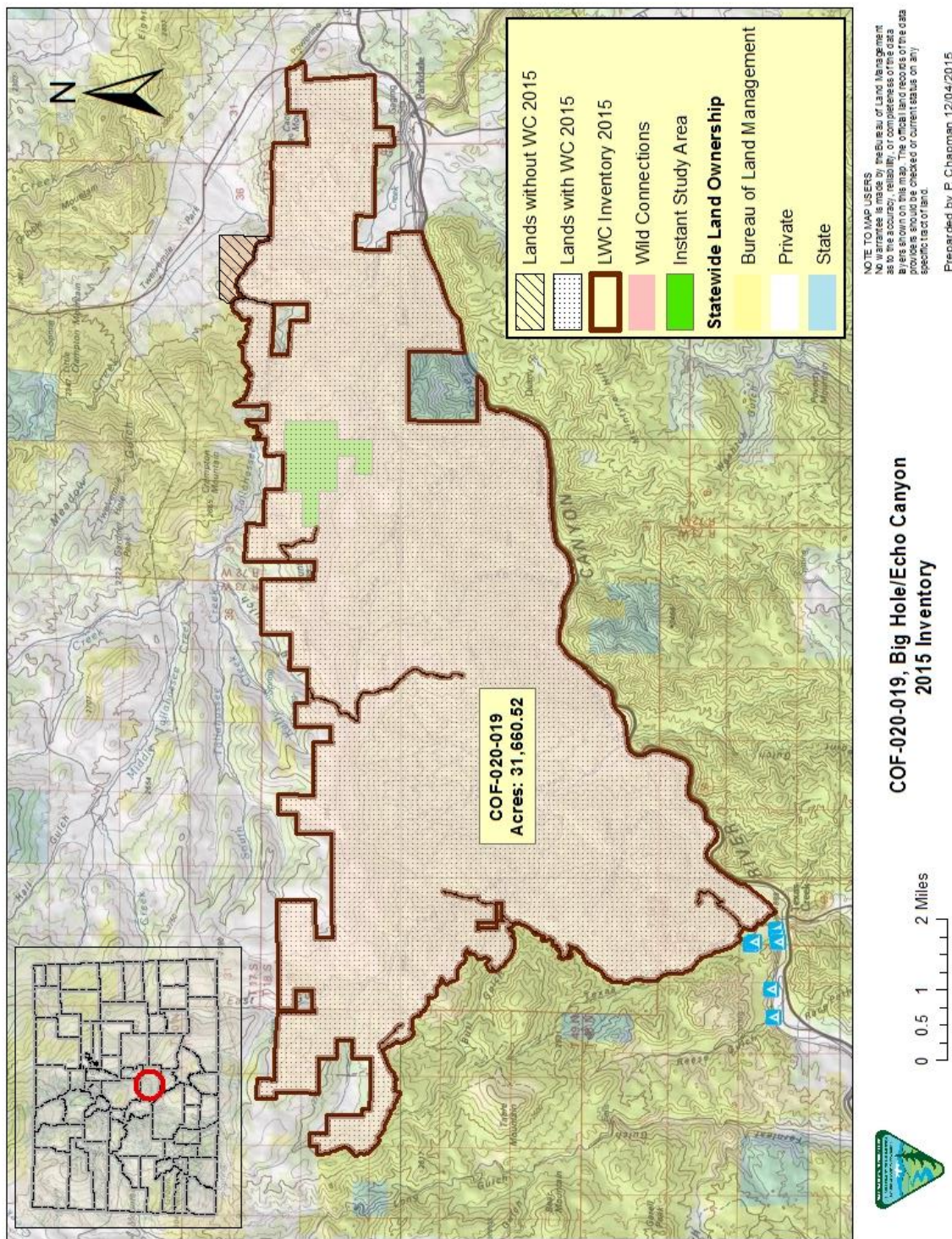


PHOTO LOG

Photographer(s): Monica Mohr/ Rangeland Technician, Cora Whisenhunt/ Park Ranger, Bryce Hoffmann/ Recreation Technician

Inventory Area Unique Identifier: **COF-020-019, Echo Canyon**

Date	Frame #	Camera Direction	Description	GPS/UTM Location	Town-ship	Range	Sec.	Photo Point #
6/26/2013	DSC03219	N	intersection	See map	18 S.	73 W.	1	1
6/26/2013	DSC03221	E	Entrance of Little Hole	See map	18 S.	73 W.	1	2
6/26/2013	DSC03709	N	Rock outcropping	See map	18 S.	73 W.	1	3
6/26/2013	DSC03710	W	Earthen dam	See map	18 S.	73 W.	12	4
6/26/2013	DSC03223	E	Route to spring	See map	18 S.	72 W.	6	5
6/26/2013	DSC03711	N	Other route to spring	See map	18 S.	72 W.	6	6
6/26/2013	DSC03223	W	Wildlife exclosure	See map	18 S.	73 W.	22	7
6/26/2013	DSC03224	S	Roller chop area	See map	18 S.	73 W.	22	8
6/26/2013	DSC03225	E	Historic structure	See map	18 S.	73 W.	27	9
6/26/2013	DSC0322s	N	Admin Route	See map	18 S.	73 W.	1	10
6/26/2013	DSC03228	N	Little Hole Spring#2	E456,173.878 N4,263,099.452	18 S.	73 W.	1	11
6/26/2013	DSC03229	S	Red Gate to Summerville Table	See map	18 S.	72 W.	6	12
6/27/2013	IMG_0049	S	Cabin BLM 5895	See map	17 S.	72 W.	34	13
6/27/2013	IMG_0045	NE	Route to old structures BLM 5895	See map	17 S.	72 W.	34	14
6/27/2013	IMG_0048	S	Admin road, full size vehicle use, BLM 5895	See map	17 S.	72 W.	34	15
6/27/2013	IMG_0047	E	End of loop, BLM 5895	See map	17 S.	72 W.	35	16
6/27/2013	IMG_0046	S	Private property, admin route from BLM 5895	See map	18 S.	72 W.	3	17



#1 intersection of route



#2 Entrance of Little Hole



3 Rock outcropping



4 earthen dam



#5 route to developed spring



#6 Route to another spring



#7 Wildlife enclosure



#8 rollerchop



#9 historic structure



#10closed route



#11 Little Hole Spring #2



#12 Gate, route to Summerville table



#13 Cabin, BLM 5895



#14 to historic structures, BLM5895



#15 Admin route, BLM 5895



#16 private property, BLM 5895



#17 end of loop route, BLM 5895

PHOTO LOG

Photographer(s): Linda Skinner/ Outdoor Recreation Planner

Inventory Area Unique Identifier: **COF-020-019, Echo Canyon**

Date	Frame #	Camera Direction	Description	GPS/UTM Location	Township	Range	Section	Photo Point #
8/27/2015	EC_18_019	SE	Fenceline gate	E 455,447.537 N4,261,967.131	18 S.	73 W.	12	18
8/27/2015	EC_19_019	SE	Overlooking roller chopping	E 455,447.537 N4,261,967.131	18 S.	73 W.	12	19
8/27/2015	EC_20_019	N	radio tower view	E 454,880.681 N4,258,853.826	18 S.	73 W.	23	20
8/27/2015	EC_21_019	W	View to south	E454825.32284131 N4258610.26690155	18 S.	73 W.	23	21
8/27/2015	EC_22_019	NW	Radio tower view	E454825.32284131 N4258610.26690155	18 S.	72 W.	6	22
8/27/2015	EC_24_019 a, b, c	all	Rainwater catchment	E 455,211.411 N4,259,201.093	18 S.	73 W.	13	24
8/27/2015	EC_25_019 a, b	N	View of route on base of Table mtn	E 455,211.411 N4,259,201.093	18 S.	73 W.	13	25
8/27/2015	EC_26_019	E	view from rain catchment	E 455,211.411 N4,259,201.093	18 S.	73 W.	13	26
8/27/2015	EC_27_019	SE	Route toward fenceline gate #18	E 455,211.411 N4,259,201.093	18 S.	73 W.	13	27
8/27/2015	EC_28_019 a-f	E, W	Spruce Spring	E454777.19603375 N4261241.01402815	18 S.	73 W.	11	28
8/27/2015	EC_29_019	E	Little Hole entry	E455,632.841 N4,261,710.590	18 S.	73 W.	12	29
8/27/2015	EC_30_019	S	Route to Rock outcropping	E455,632.841 N4,261,408.965	18 S.	73 W.	12	30
8/27/2015	EC_31_019	S	Earthen dam	E456277.944694 N4261572.01885027	18 S.	73 W.	12	31
8/27/2015	EC_32_019	W	Earthen dam	E 456731.59293604 N4261487.04117399	18 S.	72 W.	7	32
8/27/2015	EC_33_019	E	CO-020-059K route	E 456,982.219 N4,261,774.090	18 S.	72 W.	6	33
8/27/2015	EC_34_019	N	Looking back at CO-020-059K	E 458,458.597 N4,260,567.588	18 S.	72 W.	7	34
8/27/2015	EC_35_019	N	Looking back at CO-020-059K	E 458,458.597 N4,260,567.588	18 S.	72 W.	7	35
8/27/2015	EC_36_019	SE	Landing Zone area	E 458,458.597 N4,260,567.588	18 S.	72 W.	7	36

1 EC_18_019 Fenceline gate



2 EC_19_019 Overlooking roller chopping



3 EC_20_019 View of radio tower



4 EC_21_019 View to south



5 EC_22_019 Looking NW toward radio tower



6 EC_24_019a, b Rain catchment area



7 EC_24_019c Rain catchment



8 EC_25_019a, b View to NE from rain catchment, route CO-020-059-K is visible on photo a



9 EC_26_019a, b, view to east from rain catchment



10 EC_27_019 Route toward fenceline gate shown in photo #18



11 EC_28_019 a, b, c, d, route to Spruce Spring CO-020-059-C



12 EC_28_019 e, f Spruce Spring



13 EC_29_19 a, b Little Hole Entrance



14 EC_30_19 route to rock outcropping



15 EC_31_19 earthen dam



16 EC_32_19 earthen dam



17 EC_33_19 CO-020-059K route



18 EC_34_19, looking north at CO-020-059K route



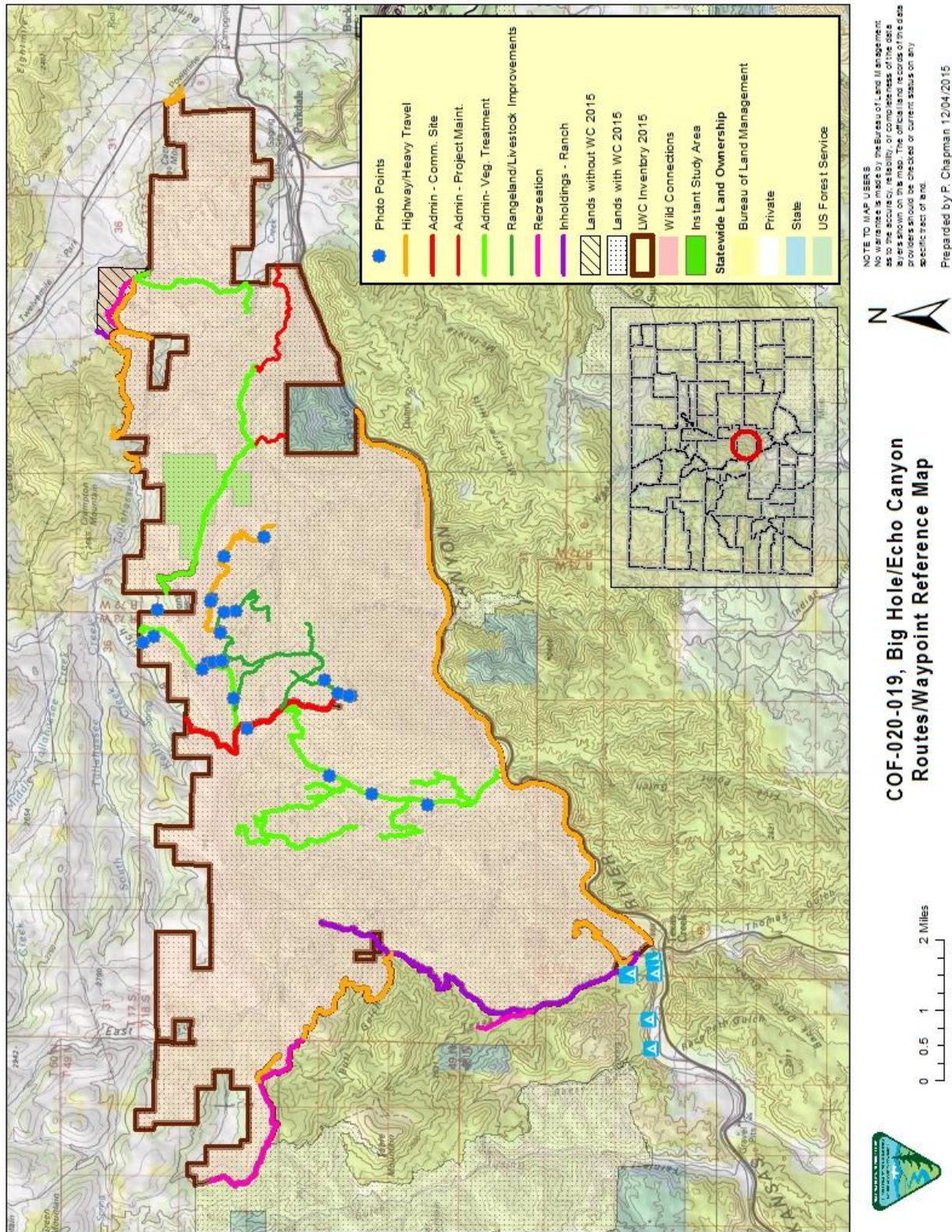
19 EC_35_19, looking north at CO-020-059K route



20 EC_36_19 Landing zone area with earthen dams



Map 2 Photopoints and routes



Royal Gorge Field Office Lands with Wilderness Characteristics Inventory, 2015: Evaluation of new information


Assessment and Determination

The BLM Royal Gorge Field Office followed manual 6310 in the performance of inventory for lands with wilderness characteristics. In response to new information submitted in May, 2015 by Wild Connections, the 2013 inventory was re-evaluated. A final review was made by comparing existing data and when needed additional field trips were taken to collect data by GPS, inventory forms, and photo points. Resource specialists were also consulted to determine if the conclusion reached in the 2013 inventory remains valid, or whether changes should occur. The above report documents those findings for the following area(s):


Unit ID	Unit Name	Total BLM acreage inventoried	Acreage with Wilderness Characteristics	Acreage without Wilderness Characteristics
COF-020-019	Echo Canyon	31,910.2	31,660.5	249.7

Review:

I have reviewed the inventory results, reports, photos, and maps for the above Lands with Wilderness Characteristics and concur with the findings as submitted.


James Kalem Lenard
Outdoor Recreation Planner, Royal Gorge Field Office

Date: 2/22/16


Keith E. Berger
Field Manager
Royal Gorge Field Office

Date: 2/24/16